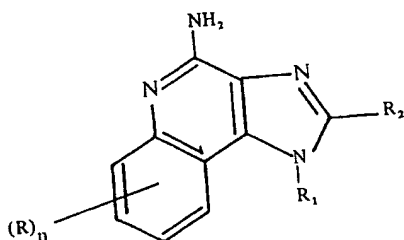


[11] [21] 73534

- [54] 1H-IMIDAZO[4,5-c]QUINOLINE-4-AMINES, THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING CERTAIN SUCH COMPOUNDS

- [22] 16.11.1984 [31] 553158 [32] 18.11.1983 [33] U.S.A.
 [51] Int. Cl.⁵ C07D 471/04; A61K 31/47
 [71] Riker Laboratories, Inc., Saint Paul, Minn., U.S.A.
 [74] Dr. Reinhold Cohn and Partners, P.O.B. 4060, Tel Aviv

- [57] Antiviral compounds of the formula



wherein R¹ is alkyl, cycloalkyl or cycloalkylalkyl up to ten carbon atoms, hydroxyalkyl of up to six carbon atoms, acyloxyalkyl wherein the acyloxy moiety is C₂-C₄ alkanoyloxy or benzoyloxy, and the alkyl moiety which is either straight or branched chain, cycloalkyl or cycloalkylalkyl contains up to about

ואימידאזו[4,5-c]קווינוליין-4-אמינים, הכנתם ותכשירי וחקות המכילים תרכובות מסוימות כאלה

ד"ר ריינולד כהן ושותפיו,
ת.ד. 4060, תל-אביב

six carbon atoms, benzyl, (phenyl)ethyl or phenyl, the benzyl, (phenyl)ethyl or phenyl substituent being optionally substituted on the benzene ring by one or two alkyl, cycloalkyl and cycloalkylalkyl of up to about four carbon atoms, C₁-C₄ alkoxy or halogen, with the proviso that if said benzene ring is substituted by two of said moieties, then said moieties together contain no more than six carbon atoms; R₂ is hydrogen, alkyl, cycloalkyl or cycloalkylalkyl of up to eight carbon atoms; and each R is C₁-C₄ alkoxy carbon atoms, cycloalkyl or cycloalkylalkyl of up to about four carbon atoms, and halogen, and n is 0, 1 or 2, with the proviso that if n is 2, then said groups together contain no more than 6 carbon atoms, and pharmaceutically acceptable salts thereof.

- [54] PUMP AND SYSTEM EMIT FOR DELIVERING CONTROLLED QUANTITIES FLUID

- [22] 12.11.1984 [31] 551447 [32] 14.11.1983
 [51] Int. Cl.⁵ F04B 15/04; F16J
 [71] Atochem North America, Inc., Philadelphia, Pa., U.S.A.
 [74] Dr. Reinhold Cohn and Partners, P.O.B. 4060, Tel Aviv

- [57] A pump apparatus for containing and precisely metering form pulses of small quantities of hazardous and reactive fluid comprising a unitary piston housing (11) having interior cylindrical walls, said housing having an elongated bore (115) extending from a first opening to a position proximate a second end, said elongated bore having a pumping chamber region (116) at its second end, a pumping fluid inlet means (114) to said pumping chamber, a pumping fluid outlet means (117) from said pumping chamber, a rotating and rotating piston (118) being positioned in a unitary relationship with the interior of said piston housing with a clearance therebetween during its operating cycle for reciprocating movement within said elongated bore of the housing, from a first position in which said piston substantially fills the space within said pumping chamber and displaces pumped fluid into a second position in which said piston is substantially removed from said pumping chamber and draws pumping fluid into the chamber, a barrier fluid inlet

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